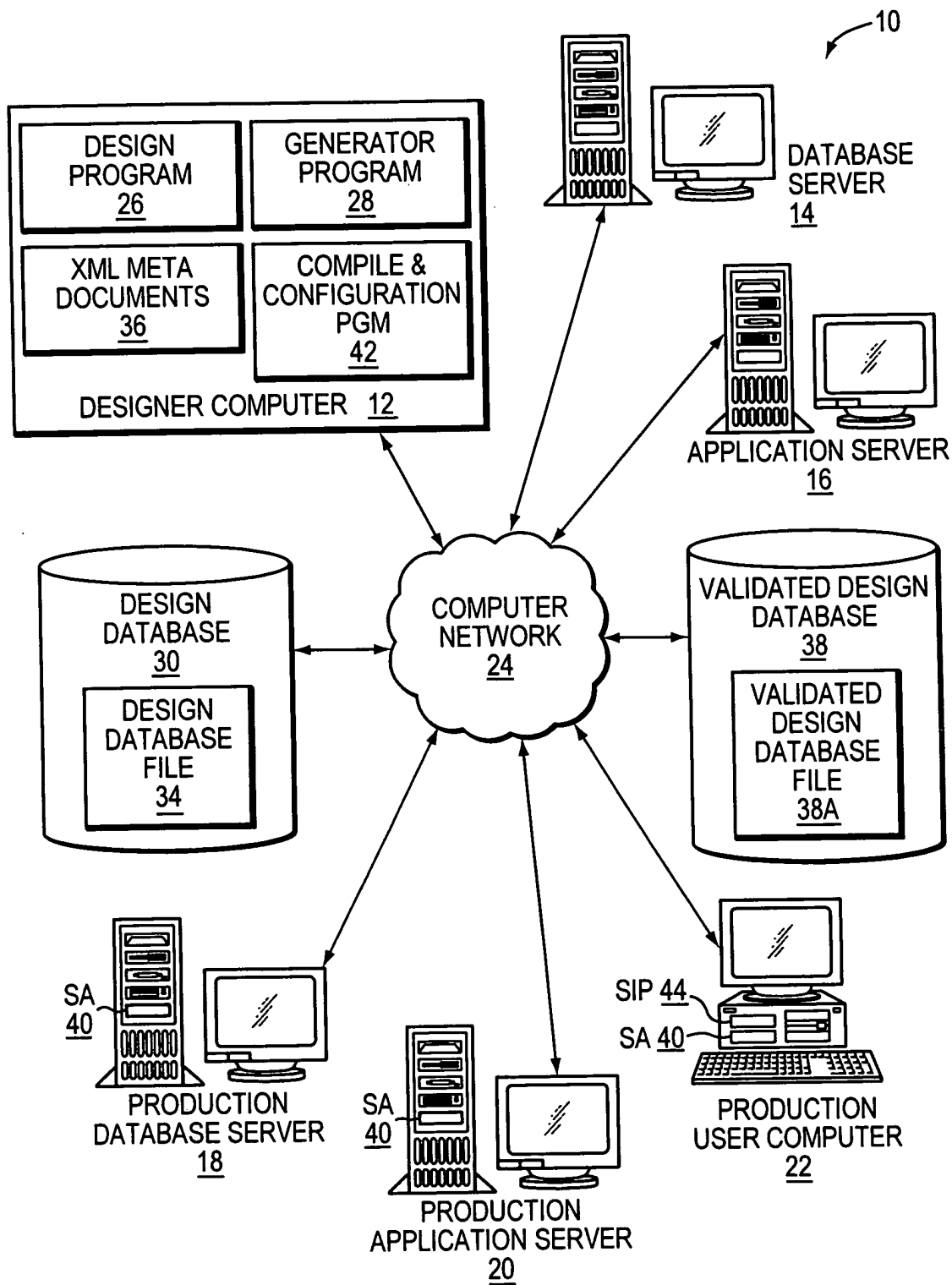




Application No. 09/916,112
Amendment Dated: August 26, 2004
Reply to Office Action of January 26, 2004
REPLACEMENT SHEET



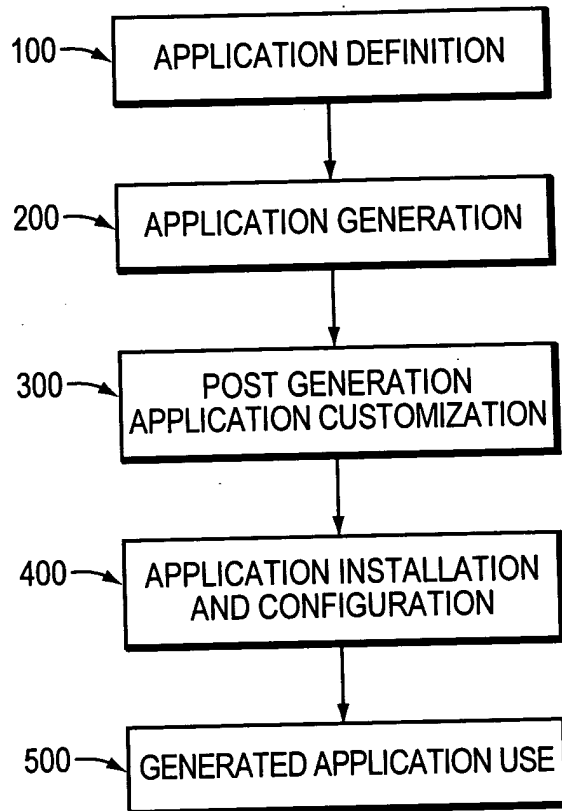


FIG. 2

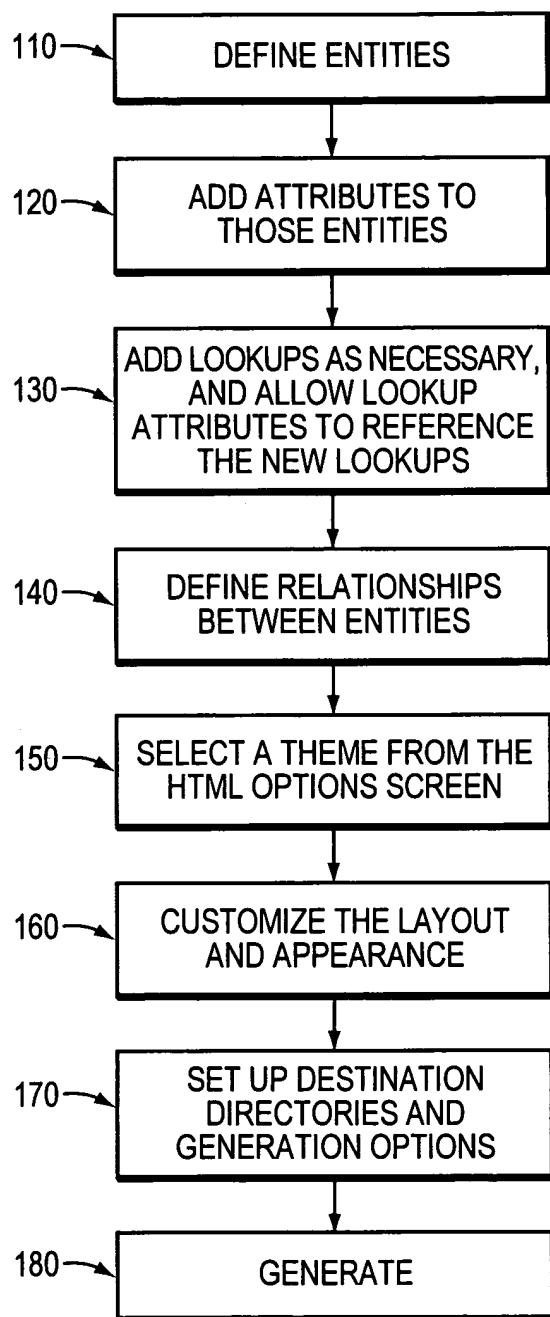
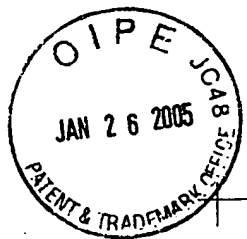


FIG. 3

FIG. 1

FIG. 4A

☐ Edit Entity ✕

Name: Caption: 60

Comment: 62

Stereotype:

Attributes

Attribute	Data Type	Required	Include In Select List	<input type="button" value="▲"/>	<input type="button" value="▼"/>
Last Name	String Type	True	True	<input type="button" value="Add"/>	<input type="button" value="Edit"/>
First Name	String Type	False	True		
SSN	String Type	False	True		
<input type="button" value="Remove"/>					

64

Relationship

Parent	Child	Relationship	<input type="button" value="Add"/>
Patient	Person	Composite	<input type="button" value="Edit"/>
Person	Address	Composite	
<input type="button" value="Remove"/>			

66

Custom Method Declarations

Method Declaration	<input type="button" value="Add"/>
<input type="text"/>	<input type="button" value="Edit"/>
<input type="text"/>	
<input type="button" value="Remove"/>	

68

New Delete OK Cancel Save

FIG. 4B



Application No. 09/916,112
Amendment Dated: August 26, 2004
Reply to Office Action of January 26, 2004
REPLACEMENT SHEET

☐ Add Attribute

General

Name: 70 ☐ 84 Is Required?

Caption: 72 ☐ 86 Describes Entity?

Data Type: 74

Lookup Name: 76 Length:

Lookup Type: 78

Default Value: 80

Comment: 82

Database

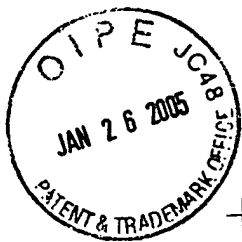
☐ Is Required?

☐ Is Unique?

Select List Options

☐ 90 Include in Select List?

FIG. 5



Application No. 09/916,112
Amendment Dated: August 26, 2004
Reply to Office Action of January 26, 2004
REPLACEMENT SHEET

☐ Add Lookup Definition

50 Entity:

64 Attribute:

Name:

☐ Filter On Organization

New Delete OK Cancel Save

FIG. 6A

☐ Select Lookup Definition

Quick Find: Search By:

Name	Entity and Attribute
PaymentMethodLU	PaymentMethod, Name
StateLU	State, State Code

New Delete Select Close

FIG. 6B

☐ Edit Lookup Definition

50 Entity:

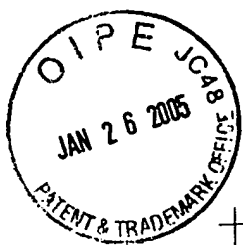
64 Attribute:

Name:

☐ Filter On Organization

New Delete OK Cancel Save

FIG. 6C



Application No. 09/916,112
Amendment Dated: August 26, 2004
Reply to Office Action of January 26, 2004
REPLACEMENT SHEET

☐ Add Relationship

Relationship Name:
Relationship Type:

Entity 1:
Entity 2:

Relationships Illustrated

Relationship Illustration

More Info

New

OK

Cancel

Save

FIG. 7A



Application No. 09/916,112
Amendment Dated: August 26, 2004
Reply to Office Action of January 26, 2004
REPLACEMENT SHEET

☐ Add Relationship

Relationship Name:

Relationship Type: Composite

Outer Entity:

Inner Entity:

Relationships Illustrated

Composite Relationship

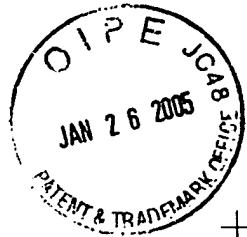
Inner Entity

Outer Entity

More Info

New OK Cancel Save

FIG. 7B



Application No. 09/916,112
Amendment Dated: August 26, 2004
Reply to Office Action of January 26, 2004
REPLACEMENT SHEET

☐ Add Relationship

Relationship Name:

Relationship Type:

Display Style:

First Entity:

Second Entity:

Relationships Illustrated

Many to Many

```
graph LR; subgraph A; A1(( )); A2(( )); A3(( )); A4(( )); A5(( )); A6(( )); end; subgraph B; B1(( )); B2(( )); B3(( )); B4(( )); B5(( )); B6(( )); end; A1 --- B1; A1 --- B2; A1 --- B3; A1 --- B4; A1 --- B5; A1 --- B6; A2 --- B1; A2 --- B2; A2 --- B3; A2 --- B4; A2 --- B5; A2 --- B6; A3 --- B1; A3 --- B2; A3 --- B3; A3 --- B4; A3 --- B5; A3 --- B6; A4 --- B1; A4 --- B2; A4 --- B3; A4 --- B4; A4 --- B5; A4 --- B6; A5 --- B1; A5 --- B2; A5 --- B3; A5 --- B4; A5 --- B5; A5 --- B6; A6 --- B1; A6 --- B2; A6 --- B3; A6 --- B4; A6 --- B5; A6 --- B6;
```

More Info

New

OK

Cancel

Save

FIG. 7C



Application No. 09/916,112
Amendment Dated: August 26, 2004
Reply to Office Action of January 26, 2004
REPLACEMENT SHEET

☐ Add Relationship

Relationship Name:

Relationship Type:

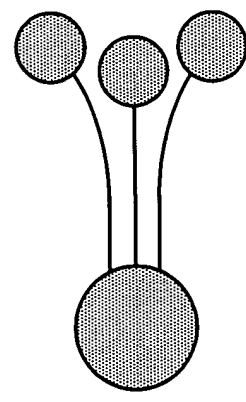
Display Style:

Parent Entity:

Child Entity:

Relationships Illustrated

Parent / Child Relationship



More Info

New

OK

Cancel

Save

FIG. 7D



☐ Edit Relationship

Relationship Name:

Relationship Type:

Outer Entity:

Inner Entity:

Relationships Illustrated

Composite Relationship

Inner Entity

Outer Entity

More Info

New OK Cancel Save

FIG. 7E



Application No. 09/916,112
Amendment Dated: August 26, 2004
Reply to Office Action of January 26, 2004
REPLACEMENT SHEET

☐ Edit Relationship

Relationship Name: PatientMeds

Relationship Type: Many to Many

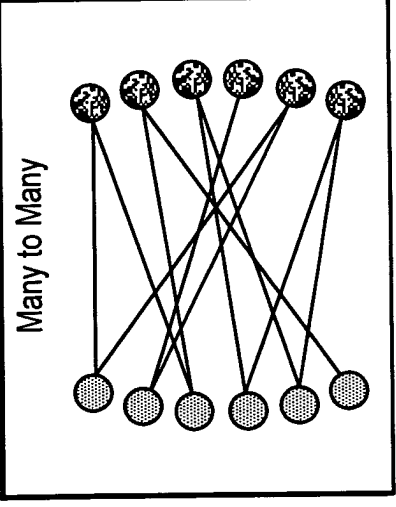
Display Style: Same Screen

First Entity: Patient

Second Entity: Medication

Relationships Illustrated

Many to Many



More Info

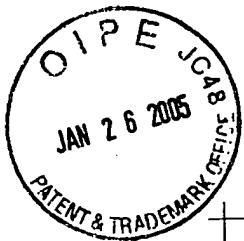
New

OK

Cancel

Save

FIG. 7F



Application No. 09/916,112
Amendment Dated: August 26, 2004
Reply to Office Action of January 26, 2004
REPLACEMENT SHEET

☐ Edit Relationship

Relationship Name: PatientAllergy

Relationship Type: Many to Many

Display Style: Separate Screen

First Entity: Patient

Second Entity: Allergy

Relationships Illustrated

Many to Many

More Info

New

OK

Cancel

Save

FIG. 7G



Application No. 09/916,112
Amendment Dated: August 26, 2004
Reply to Office Action of January 26, 2004
REPLACEMENT SHEET

☐ Edit Relationship

Relationship Name: PatientExam

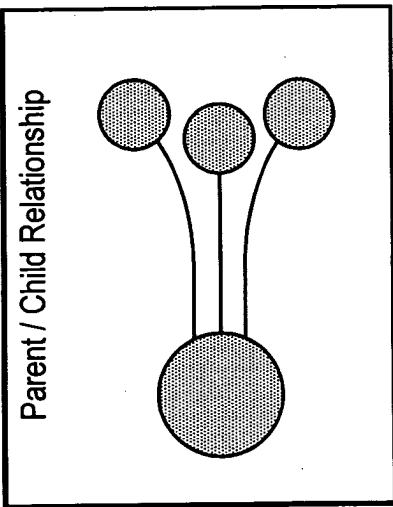
Display Style: Same Screen

Relationship Type: Parent / Child

Parent Entity: Patient

Relationships Illustrated

Parent / Child Relationship



Child Entity: Exam

More Info

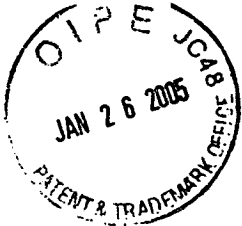
New

OK

Cancel

Save

FIG. 7H



Application No. 09/916,112
Amendment Dated: August 26, 2004
Reply to Office Action of January 26, 2004
REPLACEMENT SHEET

112

☒ Edit HTML Options

Layout Advanced More Adv

Main Text Tables Input Misc

Options

Select Theme: (No Theme) ▼

Background Color: 114

Font Color: 116

Font Family: 118

Background Image: 120

Start Page Image: 122

Logo Image: 124

Login Page Image: 126

Link Color: 128

Visited Link Color: 130

Active Link Color: 132

Main Body Text: Regular Text Sample
Hyperlink: Hyperlink Preview
Start Page Image:
Logo Image:
Login Image:

☒ Auto Preview

110 134

FIG. 8



Build Options for Application Generation

Paths

Destination Directory: D:\Medical\Generated App

Visual Basic Application Location: D:\Program Files\Microsoft Visual Studio\VB98\vb6.exe

Virtual Directory Name: Medical

Build Options

Database

144 ☒ Generate Database

Database Name: Medical

Server: demontbk

150 ☐ Use NT Authentication

Login ID: sa

Password:

Project Information

Project Name: Medical

Generate Cancel Save

FIG. 9



Application No. 09/916,112
Amendment Dated: August 26, 2004
Reply to Office Action of January 26, 2004
REPLACEMENT SHEET

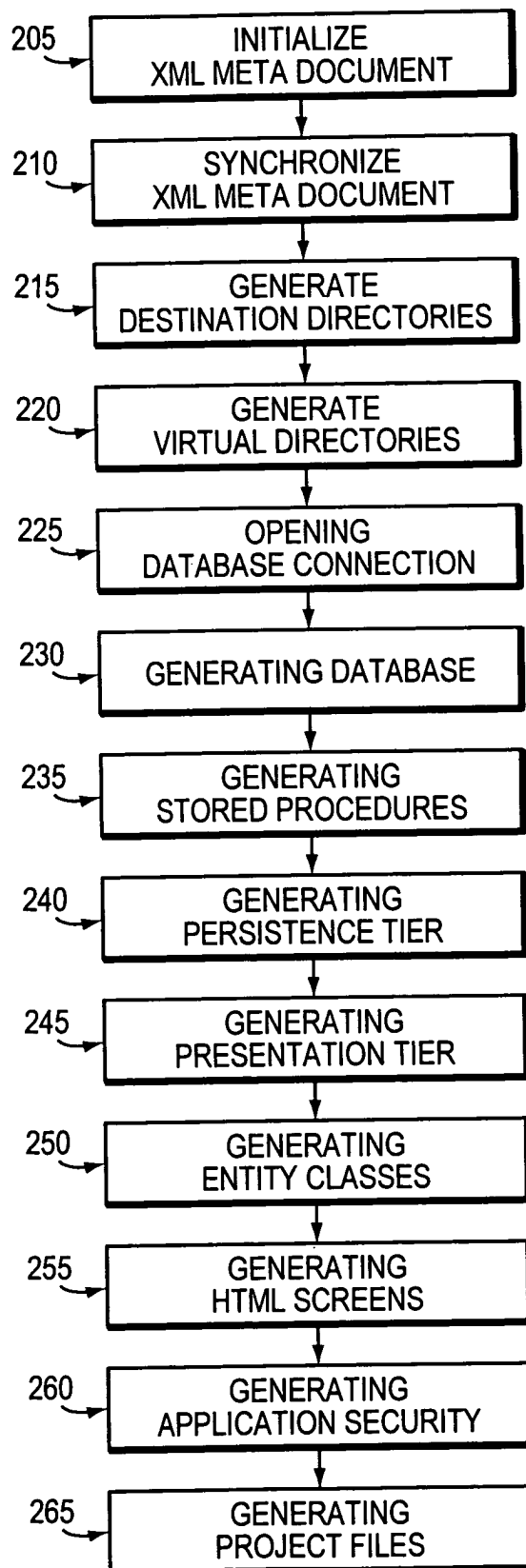


FIG. 10



Application No. 09/916,112
Amendment Dated: August 26, 2004
Reply to Office Action of January 26, 2004
REPLACEMENT SHEET

170

SkillFusion Generation Status

- ✓ Initializing XML Meta Document.
- ✓ Synchronizing XML Meta Document.
- ✓ Generating Destination Directories.
- ✓ Generating Virtual Directories.
- ✓ Opening Database Connection.
- ✓ Generating Database.
- ✓ Generating Database Objects.
- ✓ Generating Persistence Tier.
- ✓ Generating Presentation Tier.
- ✓ Generating Entity Classes.
- ✓ Generating HTML Screens.
- ✓ Generating Application Security.
- ✓ Generating Project Files.
- ✓ Generation Complete for all Entities.

Progress bar: []

Generated App: []
Microsoft Virtual Studio\WB98\Vb6.exe []

Project Information
Project Name: Medical

SkillFusion 3.0
? All Entities were created successfully
Would you like to run the Visual Basic Web Project?
Yes No

Generate Cancel Save

FIG. 11

Create Setup Package

Paths

Generated Project: D:\Medical\Generated App\WebApp\Medical.vbp []
Destination Directory: D:\Medical []
Visual Basic Application Location: D:\Program Files\Microsoft Visual Studio\VB98\vb6.exe []

Database

☒ Backup Existing Database

Database Backup

Database Name: Medical
Database Server: demontbk []
☐ Use NT Authentication
Login: sa
Password: []

Package Close

FIG. 13

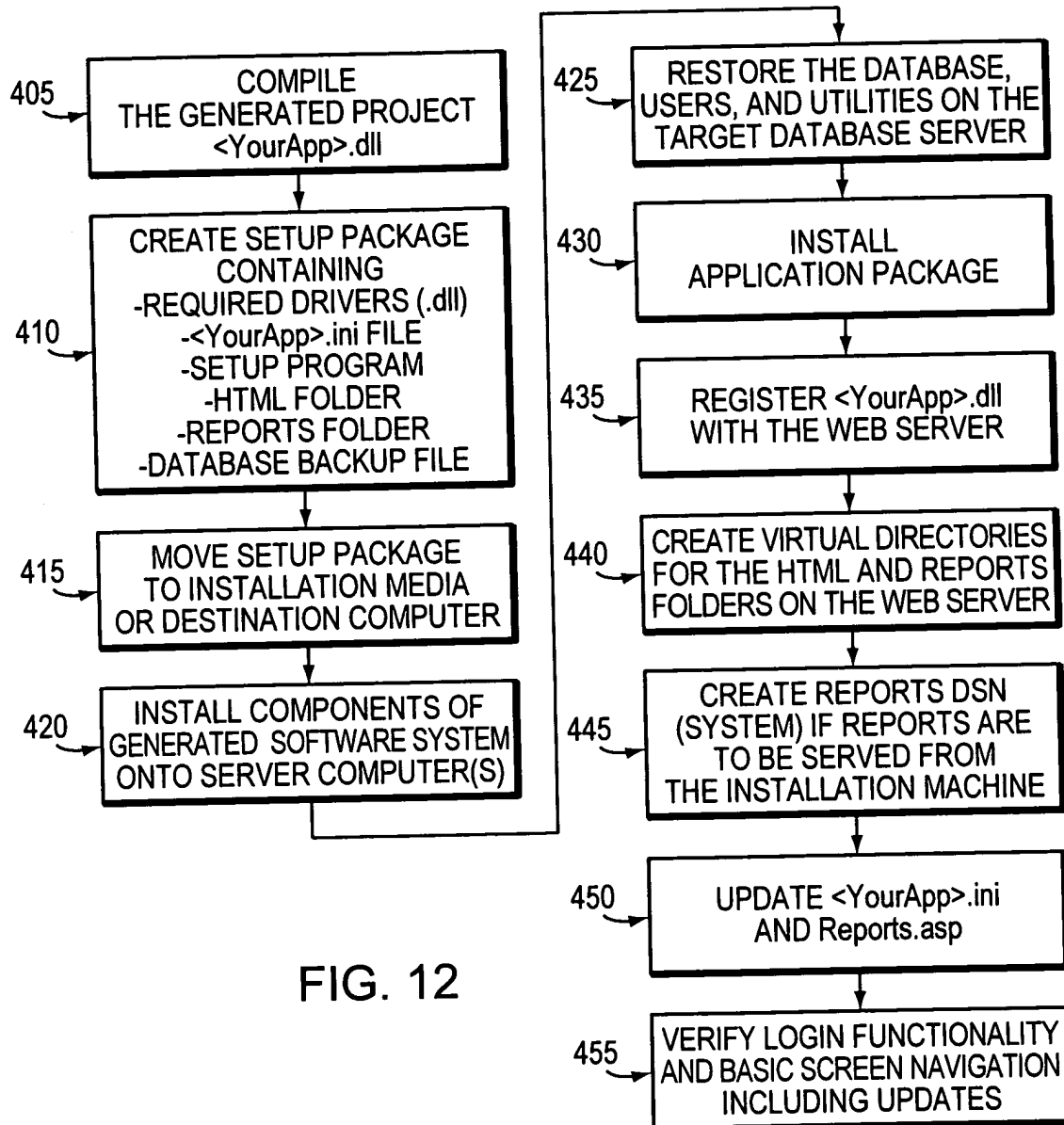
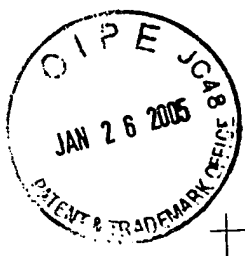


FIG. 12



Application No. 09/916,112
Amendment Dated: August 26, 2004
Reply to Office Action of January 26, 2004
REPLACEMENT SHEET

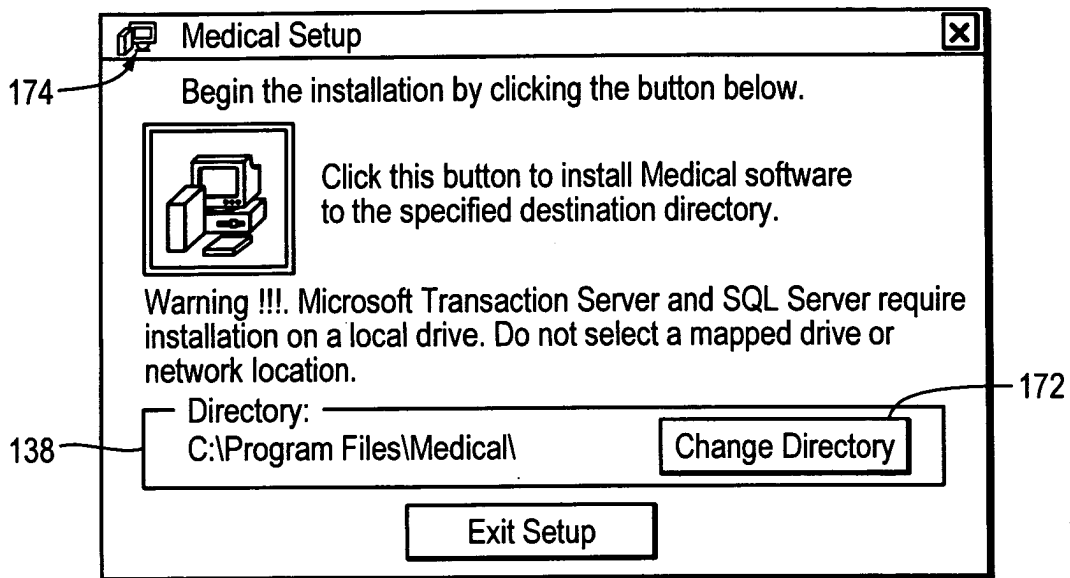


FIG. 14

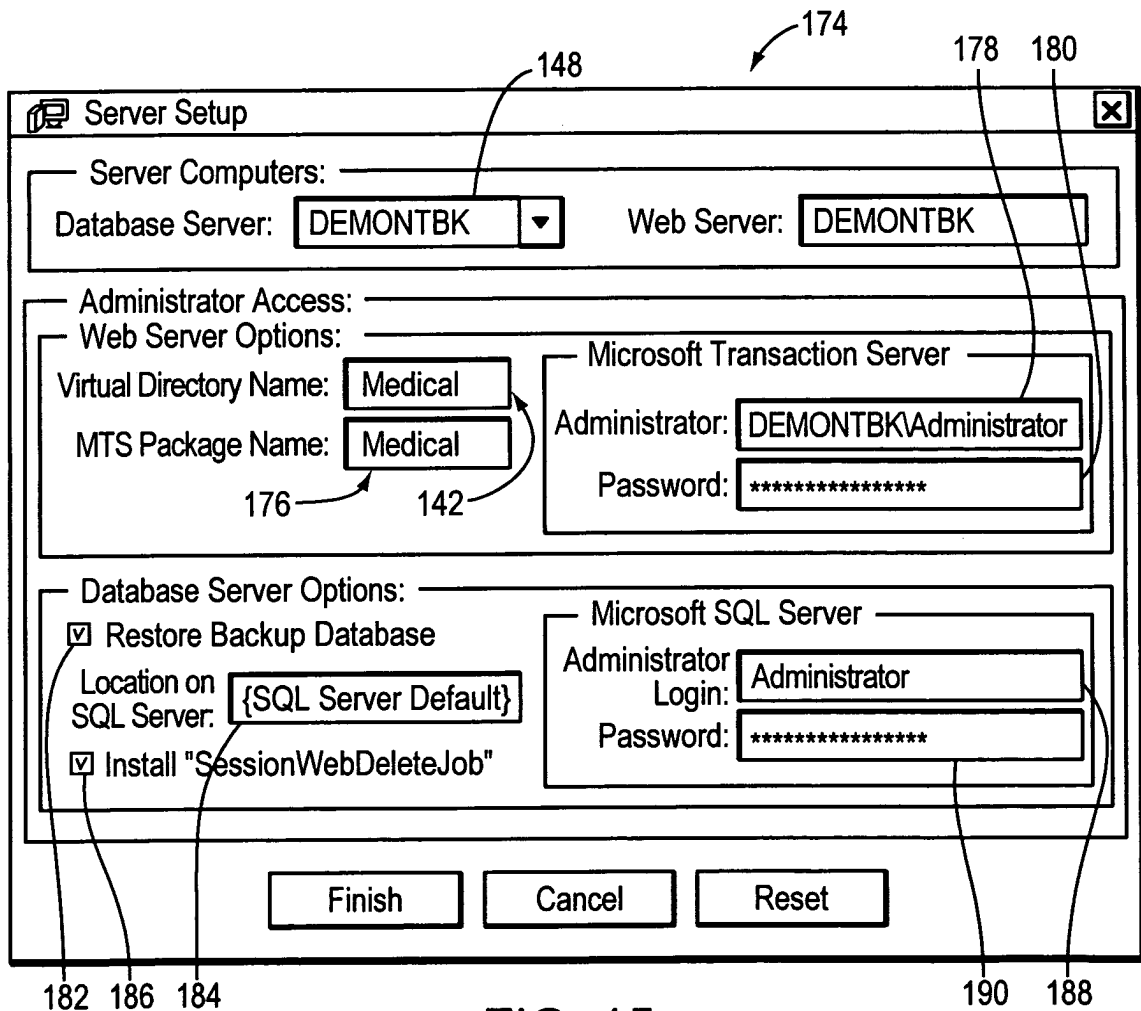


FIG. 15



Application No. 09/916,112
Amendment Dated: August 26, 2004
Reply to Office Action of January 26, 2004
REPLACEMENT SHEET

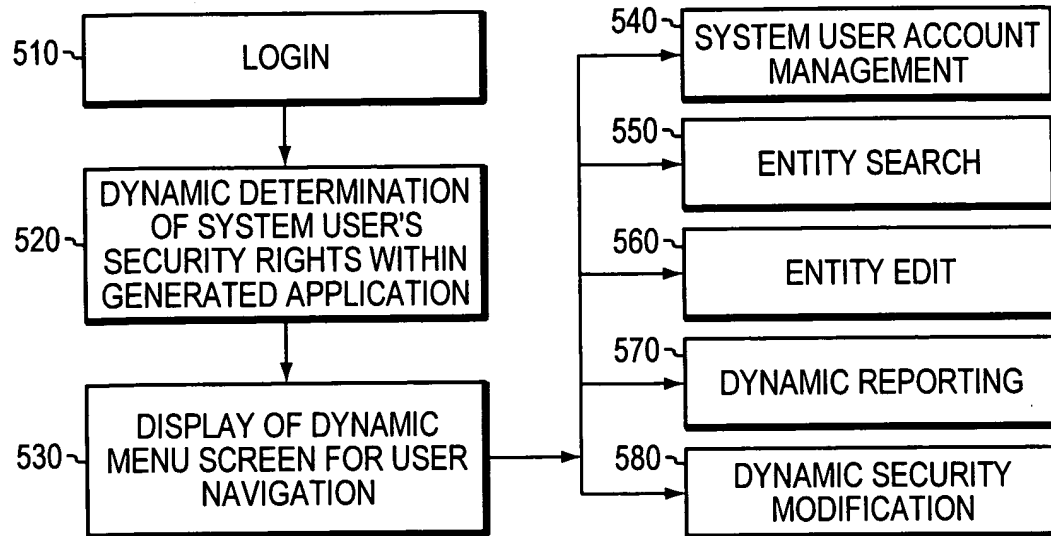
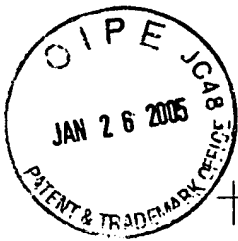


FIG. 16



Application No. 09/916,112
Amendment Dated: August 26, 2004
Reply to Office Action of January 26, 2004
REPLACEMENT SHEET

Microsoft Internet Explorer - User Profile

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorite History Print Edit Discuss

Address <http://demonetbk/Medical/Medical.asp?AC5AB3657E4D11D582A6000000000000> Go

Medical * Start!

Help Logout

User Account:

User Name: Admin

Full Name: Administrator

*Current Password:

* New Password:

* Repeat New Password:

*Email Address:

* Forgotten Password Question:

* Forgotten Password Answer:

Successful Saving will return you to the Login Screen.

* Denotes required field.

Done Local intranet

FIG. 17



Application No. 09/916,112
Amendment Dated: August 26, 2004
Reply to Office Action of January 26, 2004
REPLACEMENT SHEET

Microsoft Internet Explorer - Show Select - File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorite History Print Edit Discuss

Address <http://demontrbk/Medical/Medical.asp?GAD64AAFD7E4E11D582A600000000000000> Go

Medical * Start!
Help Logout

Select a Allergy

Add Filter

Display List Where

new Description
View Mildew
View Grass
View Weed
View Pollen
View Dust

is

Go!

Done Local intranet

FIG. 18



Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorite History Print Edit Discuss

Address <http://demonbtk/Medical/Medical.asp?1234A9047E5111D582A600000000000000> Go

Medical * Start! → Patient: Smith

Help Logout

Update Cancel Delete

Update Patient - Smith

*Medical Record Number: 2332420

Kin Last Name: Smith

First Name: Jane

Kin SSN: 222222222

Street: 1201 Peachtree Street

City: Atlanta

State: GA

Zip:

Last Name: Smith

First Name: Jane

SSN:

Street:

City:

* Allergy Medication

☒ Bayer

☐ Metamucil

☒ Prozac

☐ Bufferin

☐ Zanax

Exam

Your save was successful.

Done Local intranet

FIG. 19